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Sloane-Kettering Institute for Cancer Research
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Dunn, Paul
Singh, Bhuvanesh
Ganly, Ian

<120> Mutant Viruses

<130> 6947-75757-01

<150> PCT/GB2004/004908

<151> 2004-11-17

<150> GB 0326798.6

<151> 2003-11-17

<150> US 60/541,308

<151> 2004-02-03

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<170> PatentIn version 3.1

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Sequence Listing.txt

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Ile	Phe	Thr	Gln	Ser	Ser	Glu	Lys	Thr	Ala	Val	Ser	Cys	Leu	Ser	Gln		
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Asn	Asp	Trp	Lys	Leu	Asp	Val	Ala	Thr	Asp	Asn	Phe	Phe	Gln	Asn	Pro		
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Glu	Leu	Tyr	Ile	Arg	Glu	Ser	Val	Lys	Gly	Ser	Leu	Asp	Arg	Lys	Lys		
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Leu	Glu	Gln	Leu	Tyr	Asn	Arg	Tyr	Lys	Asp	Pro	Gln	Asp	Glu	Asn	Lys		
65					70					75					80		

att	gga	ata	gat	ggc	ata	cag	cag	ttc	tgt	gat	gac	ctg	gca	ctc	gat		345
Ile	Gly	Ile	Asp	Gly	Ile	Gln	Gln	Phe	Cys	Asp	Asp	Leu	Ala	Leu	Asp		
				85					90					95			

cca	gcc	agc	att	agt	gtg	ttg	att	att	gca	tgg	aag	ttc	aga	gca	gca		393
Pro	Ala	Ser	Ile	Ser	Val	Leu	Ile	Ile	Ala	Trp	Lys	Phe	Arg	Ala	Ala		
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Thr	Gln	Cys	Glu	Phe	Ser	Lys	Gln	Glu	Phe	Met	Asp	Gly	Met	Thr	Glu		
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Thr	Phe	Asn	Phe	Ala	Lys	Asn	Pro	Gly	Gln	Lys	Gly	Leu	Asp	Leu	Glu		
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Met	Ala	Ile	Ala	Tyr	Trp	Asn	Leu	Val	Leu	Asn	Gly	Arg	Phe	Lys	Phe		
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Leu	Asp	Leu	Trp	Asn	Lys	Phe	Leu	Leu	Glu	His	His	Lys	Arg	Ser	Ile		
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cca	aaa	gac	act	tgg	aat	ctt	ctt	tta	gac	ttc	agt	acg	atg	att	gca		729
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Sequence Listing.txt

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 Asp Asp Met Ser Asn Tyr Asp Glu Glu Gly Ala Trp Pro Val Leu Ile
 225 230 235 240

gat gac ttt gtg gaa ttt gca cgc cct caa att gct ggg aca aaa agt 825
 Asp Asp Phe Val Glu Phe Ala Arg Pro Gln Ile Ala Gly Thr Lys Ser
 245 250 255

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 Thr Thr Val

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 <213> Homo sapiens

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 35 40 45

Glu Leu Tyr Ile Arg Glu Ser Val Lys Gly Ser Leu Asp Arg Lys Lys
 50 55 60

Leu Glu Gln Leu Tyr Asn Arg Tyr Lys Asp Pro Gln Asp Glu Asn Lys
 65 70 75 80

Ile Gly Ile Asp Gly Ile Gln Gln Phe Cys Asp Asp Leu Ala Leu Asp
 85 90 95

Pro Ala Ser Ile Ser Val Leu Ile Ile Ala Trp Lys Phe Arg Ala Ala
 100 105 110

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 115 120 125

Leu Gly Cys Asp Ser Ile Glu Lys Leu Lys Ala Gln Ile Pro Lys Met

Sequence Listing.txt
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130

135

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Thr Phe Asn Phe Ala Lys Asn Pro Gly Gln Lys Gly Leu Asp Leu Glu
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Met Ala Ile Ala Tyr Trp Asn Leu Val Leu Asn Gly Arg Phe Lys Phe
180 185 190

Leu Asp Leu Trp Asn Lys Phe Leu Leu Glu His His Lys Arg Ser Ile
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Pro Lys Asp Thr Trp Asn Leu Leu Leu Asp Phe Ser Thr Met Ile Ala
210 215 220

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Arg Gln Phe Met Ile Phe Thr Gln Ser Ser Glu Lys Thr Ala Val Ser
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Sequence Listing.txt

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Asp	Arg	Lys	Lys	Leu	Glu	Gln	Leu	Tyr	Asn	Arg	Tyr	Lys	Asp	Pro	Gln	
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Phe	Arg	Ala	Ala	Thr	Gln	Cys	Glu	Phe	Ser	Lys	Gln	Glu	Phe	Met	Asp	
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Lys	Arg	Ser	Ile	Pro	Lys	Asp	Thr	Trp	Asn	Leu	Leu	Leu	Asp	Phe	Ser	
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Thr	Met	Ile	Ala	Asp	Asp	Met	Ser	Asn	Tyr	Asp	Glu	Glu	Gly	Ala	Trp	
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Gly	Thr	Lys	Ser	Thr	Thr	Val										
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Sequence Listing.txt

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Asn Asp Trp Lys Leu Asp Val Ala Thr Asp Asn Phe Phe Gln Asn Pro
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Glu Leu Tyr Ile Arg Glu Ser Val Lys Gly Ser Leu Asp Arg Lys Lys
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Leu Glu Gln Leu Tyr Asn Arg Tyr Lys Asp Pro Gln Asp Glu Asn Lys
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Ile Gly Ile Asp Gly Ile Gln Gln Phe Cys Asp Asp Leu Ala Leu Asp
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Pro Ala Ser Ile Ser Val Leu Ile Ile Ala Trp Lys Phe Arg Ala Ala
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Thr Gln Cys Glu Phe Ser Lys Gln Glu Phe Met Asp Gly Met Thr Glu
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Thr Phe Asn Phe Ala Lys Asn Pro Gly Gln Lys Gly Leu Asp Leu Glu
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Met Ala Ile Ala Tyr Trp Asn Leu Val Leu Asn Gly Arg Phe Arg Leu
180     185     190

Leu Asp Leu Trp Asn Lys Phe Leu Leu Glu His His Lys Arg Ser Ile
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Sequence Listing.txt

Pro Lys Asp Thr Trp Asn Leu Leu Leu Asp Phe Ser Thr Met Ile Ala
210 215 220

Asp Asp Met Ser Asn Tyr Asp Glu Glu Gly Ala Trp Pro Val Leu Ile
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Thr Thr Val

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